

Title (en)

LOW FREQUENCY TORSIONAL VIBRATION DAMPER

Title (de)

NIEDERFREQUENTER TORSIONSSCHWINGUNGSDÄMPFER

Title (fr)

AMORTISSEUR DE VIBRATIONS DE TORSION BASSE FRÉQUENCE

Publication

EP 3172455 A4 20180404 (EN)

Application

EP 15824367 A 20150721

Priority

- US 201462029098 P 20140725
- US 2015041331 W 20150721

Abstract (en)

[origin: WO2016014531A1] Torsional vibration dampers are disclosed that include a hub and an inertia member disposed concentric with and spaced radially outward or radially inward from the hub that together define a plurality of pockets therebetween each having a spool-shaped receptacle. A plurality of spool-shaped elastomeric plugs, one each, are seated in the spool-shaped receptacles. When the inertia member is spaced radially outward of the hub, the hub is mountable on a shaft, and when the inertia member is spaced radially inward of the hub, the hub is mountable inside a shaft. Methods of making the torsional vibration dampers are also disclosed.

IPC 8 full level

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CPC (source: EP US)

F16F 15/10 (2013.01 - US); **F16F 15/1442** (2013.01 - EP US)

Citation (search report)

- [XA] GB 1307607 A 19730221 - HOLSET ENGINEERING CO
- [XA] DE 1008063 B 19570509 - FABRICATIONS IAUNICUMIA SOC D
- [XA] DE 2455385 A1 19760526 - METZELER GUMMITECHNIK
- [A] DE 1115538 B 19611019 - ATLAS WERKE AG
- See references of WO 2016014531A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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